1022-05-149   **Rosa C Orellana***, Mathematics Departmet, 6188 Kemeny Hall, Hanover, NH 03755. *Some results on the Kronecker product of Schur functions.*

In this talk I will discuss recent results on the Kronecker product of two Schur functions. In particular, I will describe a combinatorial interpretation for the case of a two-row partition with any other partition subject to some restrictions. Lastly, I will show some applications of this combinatorial interpretation.

This is joint work with C. Ballantine (Received September 12, 2006)